

Amendment and Response

Applicant: Robert Davidson

Serial No.: 09/760,242

Filed: January 12, 2001

Docket No.: 10002343-1

Title: PERSONAL MOVIE STORAGE MODULE

IN THE CLAIMS

Amendments to the Claims

Please amend claims 1-6, 8, 9, and 16 as follows:

This listing of claims will replace all prior versions, and listings, of the claims:

- 1.(Currently Amended) A method of portably handling a movie comprising:
storing a ~~digital~~digitally formatted movie into a portable digital movie storage module including an atomic resolution storage memory component;
connecting the portable digital movie storage module to a portable digital movie playback device;
recalling selectively the ~~digital~~digitally formatted movie from the memory component of the portable digital storage module into the portable ~~digital~~digitally formatted movie playback device; and
displaying the digital movie on the portable digital movie playback device.

- 2.(Currently Amended) The method of claim 1, wherein storing the ~~digital~~digitally formatted movie further comprises:
transferring a copy of the movie from a movie purchase center into the memory component of the portable storage module.

- 3.(Previously Presented) The method of claim 2, wherein storing the ~~digital~~digitally formatted movie further comprises:
downloading the movie from a remotely located centralized movie database.

- 4.(Currently Amended) The method of claim 1 and further comprising:
repeating the storing step to capture additional ~~digital~~digitally formatted movies into the memory component of the storage module.

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5.(Currently Amended) The method of claim 1 wherein recalling selectively the digitally formatted movie further comprises the playback device including at least one of a notebook computer, a personal movie player, and a seatback-mounted movie viewer.

6.(Currently Amended) The method of claim 1 wherein, storing the digital digitally formatted movie further comprises:

providing the storage module with a communication interface, and a power supply.

7.(Previously Presented) The method of claim 6, wherein the memory component further comprises a controller logic for operating the storage module and communicating between the memory component and the communication interface.

8.(Currently Amended) The method of claim 1, and further comprising:

performing storing the digital digitally formatted movie and recalling selectively the digital digitally formatted movie in a broadband frequency format.

9.(Currently Amended) A portable digital movie storage module comprising:

a portable digital ultra-high capacity storage device removably connectable to a portable digital playback device capable of displaying a digital digitally formatted movie and including an atomic resolution storage device memory component capable of storing at least one movie; and

a communication interface for communicating to and from the memory component of the storage module and for providing the digitally formatted movie from the storage module to the portable digital playback device.

10.(Original) The module of claim 9, and further comprising a controller unit located on the atomic resolution storage device for operating the storage device and communicating between the memory component and the communication interface.

11.(Original) The module of claim 9, wherein the atomic resolution storage device further comprises:

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a field emitter fabricated by semiconductor microfabrication techniques capable of generating an electron beam current; and

a storage medium in proximity to the field emitter and having a storage area in one of a plurality of states to represent the information stored in the storage area.

12.(Original) The module of claim 11, wherein an effect is generated when the electron beam current bombards the storage area, wherein the magnitude of the effect depends upon the state of the storage area, and wherein the information stored in a storage area is read by measuring the magnitude of the effect.

13.(Previously Presented) The module of claim 11, and further comprising:

a plurality of storage areas on the storage medium, each storage area in one of a plurality of states to represent information stored in the storage area; and

a microfabricated mover in the storage device to position different storage areas to be bombarded by the electron beam current.

14.(Previously Presented) The module of claim 13, and further comprising:

a plurality of field emitters, each emitter fabricated by semiconductor microfabrication techniques capable of generating an electron beam current, the plurality of field emitters being spaced apart, with each emitter being responsible for a number of storage areas on the storage medium; and

such that a plurality of the field emitters work in parallel to increase the data rate of the storage device.

15.(Previously Presented) The module of claim 9, and further comprising:

a housing which encloses the portable digital ultra-high capacity storage device and the communication interface.

16.(Currently Amended) A portable digital movie handling system comprising:

a portable digital movie storage module comprising:

an atomic resolution storage memory device for storing at least one digital

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digitally formatted movie; and

a communication interface for communicating to and from the storage device
and for providing at least one digitally formatted movie from the
storage module;

a purchase system permitting purchasable access to ~~digital~~ digitally formatted movies
including:

a centralized movie database storing a collection of digitally formatted movies
for downloading to multiple points-of purchase; and

a point-of-purchase center for selectively transferring a copy of a selected
digitally formatted movie from the centralized database to the memory
device of the movie storage module; and

a portable digital movie playback device removably connectable to the storage
memory device for receiving a digitally formatted movie and for displaying a
the digitally formatted movie from the storage memory device of the portable
digital movie storage module.

17.(Previously Presented) The system of claim 16, wherein the playback device is at least
one of a notebook computer, a seatback mounted movie viewer, and a personal portable
playback device.

18.(Previously Presented) The system of claim 16, wherein the centralized movie
database comprises a cable/satellite TV network and the point-of-purchase center comprises a
cable/satellite TV receiver.

19.(Previously Presented) The method of claim 1, and further comprising:
storing instructions into the portable movie storage module to limit viewing the movie
to a finite number of viewings; and
deleting the movie from the portable movie storage module once the movie has been
viewed the finite number of viewings.

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20.(Previously Presented) The method of claim 1, and further comprising:
storing instruction into the portable movie storage module to limit viewing the movie
to a finite period of time; and
deleting the movie from the portable movie storage module once the finite period of
time has expired.